



PRD2203USPCT.SubSeq.List.txt  
SEQUENCE LISTING

<110> Janssen Pharmaceutica N.V.  
Liu, Changlu  
Chen, Jingcai

<120> Prokineticin 2Beta Peptide And Its Use

<130> PRD2203USPCT

<140> 10/594,832

<141> 2007-07-16

<150> US 60/557,733

<151> 2004-03-29

<150> PCT/US2005/10279

<151> 2005-03-29

<160> 29

<170> PatentIn version 3.4

<210> 1

<211> 56

<212> PRT

<213> Homo sapiens

<400> 1

Ala Val Ile Thr Gly Ala Cys Asp Lys Asp Ser Gln Cys Gly Gly Gly  
1 5 10 15

Met Cys Cys Ala Val Ser Ile Trp Val Lys Ser Ile Arg Ile Cys Thr  
20 25 30

Pro Met Gly Lys Leu Gly Asp Ser Cys His Pro Leu Thr Arg Lys Asn  
35 40 45

Asn Phe Gly Asn Gly Arg Gln Glu  
50 55

<210> 2

<211> 56

<212> PRT

<213> mouse/rat

<400> 2

Ala Val Ile Thr Gly Ala Cys Asp Lys Asp Ser Gln Cys Gly Gly Gly  
1 5 10 15

Met Cys Cys Ala Val Ser Ile Trp Val Lys Ser Ile Arg Ile Cys Thr  
20 25 30

Pro Met Gly Gln Val Gly Asp Ser Cys His Pro Leu Thr Arg Lys Ser  
35 40 45

PRD2203USPCT.SubSeq.List.txt

His Val Ala Asn Gly Arg Gln Glu  
50 55

<210> 3  
<211> 40  
<212> DNA  
<213> Artificial

<220>  
<223> PKR1 primer P1

<400> 3  
acgtgaattc gccaccatgg agaccacat ggggttcacg 40

<210> 4  
<211> 40  
<212> DNA  
<213> Artificial

<220>  
<223> PKR1 primer P2

<400> 4  
acgtagcggc cgcttatctt agtctgatgc agtccacctc 40

<210> 5  
<211> 39  
<212> DNA  
<213> Artificial

<220>  
<223> PKR2 primer P3

<400> 5  
acgcgaattc gccaccatgg cagcccagaa tggaaacac 39

<210> 6  
<211> 39  
<212> DNA  
<213> Artificial

<220>  
<223> PKR2 primer P4

<400> 6  
acgcatgcgg ccgcgtcact tcagcctgat acagtccac 39

<210> 7  
<211> 59  
<212> DNA  
<213> Artificial

<220>  
<223> Human PK1 primer P5

<400> 7

tcatcacgaa ttcgatgacg acgataaggc tgtgatcaca ggggcctgtg agcgggatg 59

<210> 8  
 <211> 40  
 <212> DNA  
 <213> Artificial

<220>  
 <223> Human PK1 primer P6

<400> 8  
 acgataggat ccctaaaaat tgatgttctt caagtccatg 40

<210> 9  
 <211> 54  
 <212> DNA  
 <213> Artificial

<220>  
 <223> Human PK2 primer P7

<400> 9  
 catcacgaat tcgatgacga cgataaggcc gtgatcaccg gggcttgtga caag 54

<210> 10  
 <211> 39  
 <212> DNA  
 <213> Artificial

<220>  
 <223> Human PK2 primer P8

<400> 10  
 acgataggat ccttactttt gggctaaaca aataaatcg 39

<210> 11  
 <211> 39  
 <212> DNA  
 <213> Artificial

<220>  
 <223> Human PK2-f primer P9

<400> 11  
 atcgagaatt cgccaccatg aggagcctgt gctgcgccc 39

<210> 12  
 <211> 48  
 <212> DNA  
 <213> Artificial

<220>  
 <223> Human PK2-f primer P10

<400> 12  
 ggatccctac ttatcgctcg catccttata atccttttgg gctaaaca 48

PRD2203USPCT.SubSeq.List.txt

<210> 13  
 <211> 42  
 <212> DNA  
 <213> Artificial  
  
 <220>  
 <223> Human PK1 primer P11  
  
 <400> 13  
 acgtaagaat tcgccaccat gagaggtgcc acgcgagtct ca 42  
  
 <210> 14  
 <211> 42  
 <212> DNA  
 <213> Artificial  
  
 <220>  
 <223> Human PK1 primer P12  
  
 <400> 14  
 acgtaagaat tcctaaaaat tgatgttctt caagtccatg ga 42  
  
 <210> 15  
 <211> 35  
 <212> DNA  
 <213> Artificial  
  
 <220>  
 <223> Human PKR1 primer13  
  
 <400> 15  
 caacttcagc tacagcgact atgatatgcc tttgg 35  
  
 <210> 16  
 <211> 35  
 <212> DNA  
 <213> Artificial  
  
 <220>  
 <223> Human PKR1 primer P14  
  
 <400> 16  
 gacgaggacc gtctcggtgg tgaagtaggc ggaag 35  
  
 <210> 17  
 <211> 35  
 <212> DNA  
 <213> Artificial  
  
 <220>  
 <223> Human PKR2 primer P15  
  
 <400> 17  
 tctcctttaa cttcagttat ggtgattatg acctc 35  
  
 <210> 18  
 <211> 35  
 <212> DNA

<213> Artificial

<220>

<223> Human PKR2 primer 17

<400> 18

cgatgggatg gcaatgagaa tggacacccat ccaga

35

<210> 19

<211> 39

<212> DNA

<213> Artificial

<220>

<223> Human PK1 probe oligo

<400> 19

acctgtcctt gcttgcccaa cctgctgtgc tccagggttc

39

<210> 20

<211> 39

<212> DNA

<213> Artificial

<220>

<223> PK2 and PK2beta probe oligo

<400> 20

tgggcaaact gggagacagc tgccatccac tgactcgta

39

<210> 21

<211> 43

<212> DNA

<213> Artificial

<220>

<223> Human PKR1 probe oligo

<400> 21

ctgattgcct tgggtgtggac ggtgtccatc ctgatcgcca tcc

43

<210> 22

<211> 40

<212> DNA

<213> Artificial

<220>

<223> Human PKR2 probe oligo

<400> 22

cggatgaatt atcaaacggc ctccttcctg atcgccttgg

40

<210> 23

<211> 33

<212> DNA

<213> Artificial

<220>

<223> Human Beta-actin probe oligo

<400> 23

gagaagagct acgagctgcc tgacggccag gtc

33

<210> 24

<211> 34

<212> DNA

<213> Artificial

<220>

<223> Human Beta-actin probe oligo 2

<400> 24

aagggtgtaa cgcaactaag tcatagtccg ccta

34

<210> 25

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Furin cleavage site

<400> 25

Arg Arg Lys Arg

1

<210> 26

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Furin cleavage site

<400> 26

Arg Ser Lys Arg

1

<210> 27

<211> 81

<212> PRT

<213> Homo Sapiens

<400> 27

Ala Val Ile Thr Gly Ala Cys Asp Lys Asp Ser Gln Cys Gly Gly Gly  
1 5 10 15

Met Cys Cys Ala Val Ser Ile Trp Val Lys Ser Ile Arg Ile Cys Thr  
20 25 30

Pro Met Gly Lys Leu Gly Asp Ser Cys His Pro Leu Thr Arg Lys Val  
35 40 45

PRD2203USPCT.SubSeq.List.txt

Pro Phe Phe Gly Arg Arg Met His His Thr Cys Pro Cys Leu Pro Gly  
50 55 60

Leu Ala Cys Leu Arg Thr Ser Phe Asn Arg Phe Ile Cys Leu Ala Gln  
65 70 75 80

Lys

<210> 28  
<211> 102  
<212> PRT  
<213> Homo Sapiens

<400> 28

Ala Val Ile Thr Gly Ala Cys Asp Lys Asp Ser Gln Cys Gly Gly Gly  
1 5 10 15

Met Cys Cys Ala Val Ser Ile Trp Val Lys Ser Ile Arg Ile Cys Thr  
20 25 30

Pro Met Gly Lys Leu Gly Asp Ser Cys His Pro Leu Thr Arg Lys Asn  
35 40 45

Asn Phe Gly Asn Gly Arg Gln Glu Arg Arg Lys Arg Lys Arg Ser Lys  
50 55 60

Arg Lys Lys Glu Val Pro Phe Phe Gly Arg Arg Met His His Thr Cys  
65 70 75 80

Pro Cys Leu Pro Gly Leu Ala Cys Leu Arg Thr Ser Phe Asn Arg Phe  
85 90 95

Ile Cys Leu Ala Gln Lys  
100

<210> 29  
<211> 102  
<212> PRT  
<213> mouse/rat

<400> 29

Ala Val Ile Thr Gly Ala Cys Asp Lys Asp Ser Gln Cys Gly Gly Gly  
1 5 10 15

Met Cys Cys Ala Val Ser Ile Trp Val Lys Ser Ile Arg Ile Cys Thr  
20 25 30

PRD2203USPCT.SubSeq.List.txt

Pro Met Gly Gln Val Gly Asp Ser Cys His Pro Leu Thr Arg Lys Ser  
35 40 45

His Val Ala Asn Gly Arg Gln Glu Arg Arg Arg Ala Lys Arg Arg Lys  
50 55 60

Arg Lys Lys Glu Val Pro Phe Trp Gly Arg Arg Met His His Thr Cys  
65 70 75 80

Pro Cys Leu Pro Gly Leu Ala Cys Leu Arg Thr Ser Phe Asn Arg Phe  
85 90 95

Ile Cys Leu Ala Arg Lys  
100